

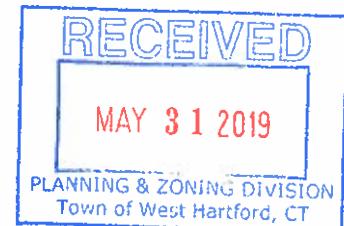
WELTI GEOTECHNICAL, P.C.

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April 10, 2019



Mr. Alan Bongiovanni, L. S.
The Bongiovanni Group, Inc.
170 Pane Road
Newington, CT 06111

Re: Proposed Residential Subdivision, 380 Middle Road, West Hartford, CT

Dear Alan:

Pursuant to your request a visit was made to the above site on April 4, 2019 to observe six test pits. The logs and a location plan for the test pits are attached herewith.

The natural inorganic soils on the site are from glacial moraine deposits. These deposits consist generally of medium compact to dense fine to coarse sand and silt with little gravel. The groundwater, where evident in the test pits was at 4 to 5 feet below the existing grades.

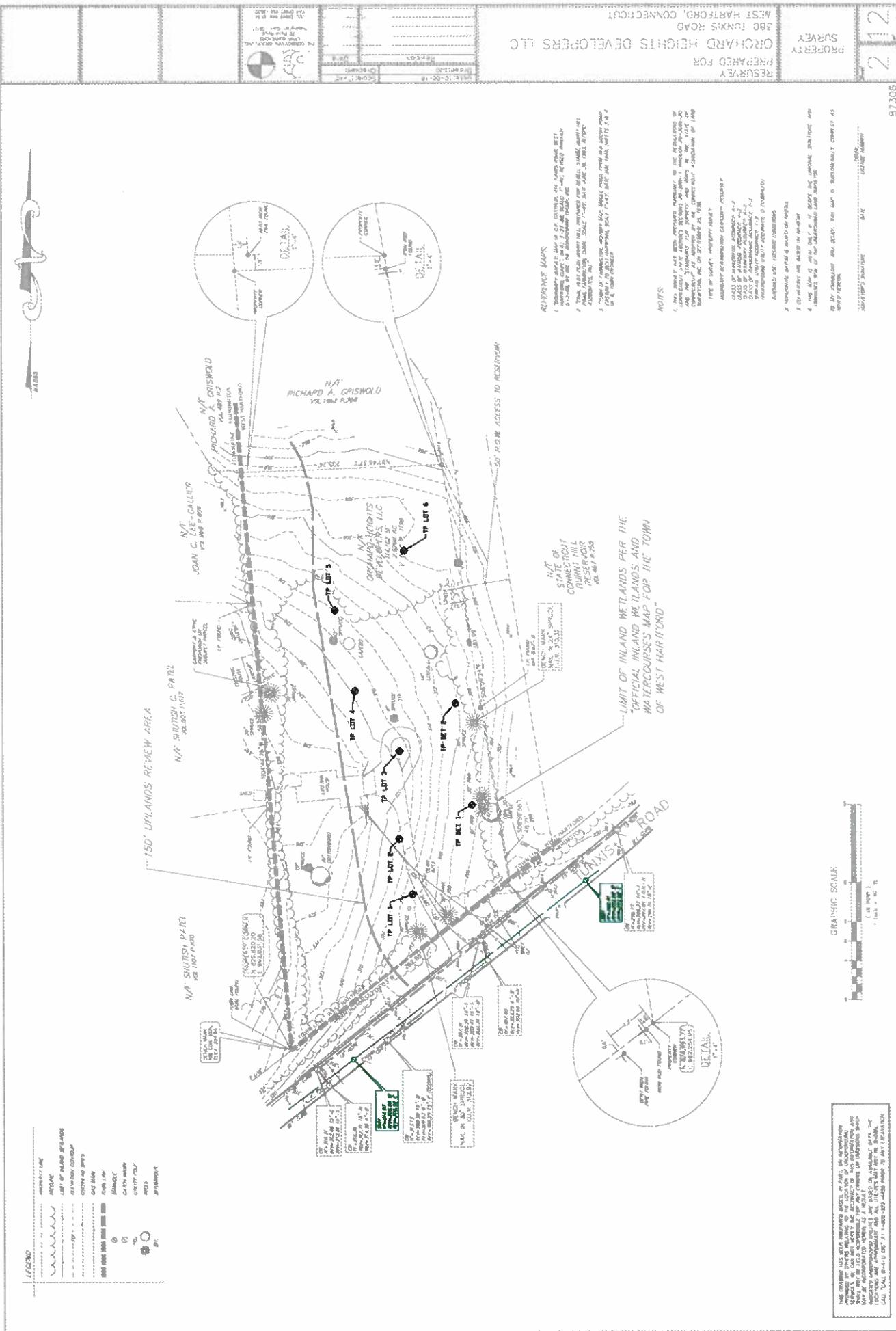
Grain size gradation tests and laboratory permeability tests were performed on 2 soil samples taken from test pits TP#1 and TP#2. These two test pits were located in the area of a proposed storm water detention/infiltration system. The results of the grain size gradation are attached herewith. The results of the laboratory falling head permeability tests performed on the soil samples are as follows.

Sample #	Permeability (feet/day)
TP#1 @ 5'	1.7
TP#2 @ 5'	2.9

If you have any questions, please call me.

Very truly yours,

Max Welti, P. E.

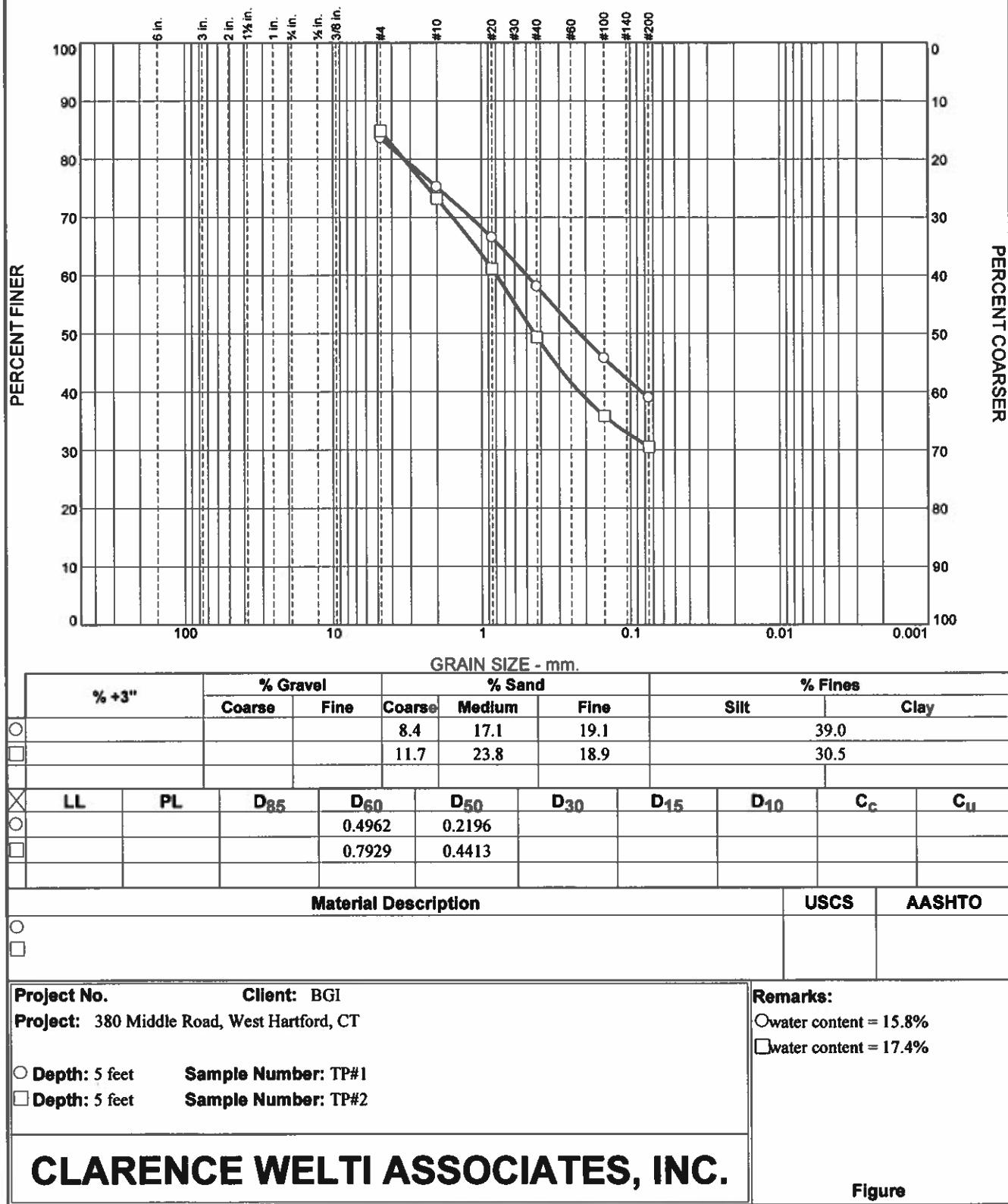


**Proposed Residential Development
380 Middle Road
West Hartford, CT**

**Test Pits taken 4/4/19
M. Welti**

Test Pit #	topsoil & subsoils	moraine	groundwater depth below grade
TP#1	24"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	none
TP#2	18"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 7'	none soils saturated @ 5.0'
Lot#1	12"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	none
Lot#2	18"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	groundwater seepage @ 5.0'
Lot#3	12"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	none
Lot#4	12"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	groundwater seepage @ 4.0'
Lot#5	18"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	groundwater seepage @ 5.0'
Lot#6	18"	fine to medium SAND, some Silt, little Gravel bottom of test pit @ 6'	none

Particle Size Distribution Report



Figure